

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 March 2005 (10.03.2005)

PCT

(10) International Publication Number
WO 2005/021724 A3

(51) International Patent Classification⁷: C12N 15/11,
A61K 31/713, 38/17, G01N 33/574, C12Q 1/68, C07K
14/47, A01K 67/027, C07K 16/18

(21) International Application Number:
PCT/US2004/027968

(22) International Filing Date: 27 August 2004 (27.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/498,393 27 August 2003 (27.08.2003) US

(71) Applicant (for all designated States except US): GEN-
PATH PHARMACEUTICALS, INC. [US/US]; 300
Technology Square, 7th Floor, Cambridge, MA 02139
(US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): O'HAGAN, Ronan,

C. [CA/US]; 15 Garrison Road, Apt. 2, Brookline, MA
02445 (US). KANNAN, Karupplah [IN/US]; 170 Gore
Street, Apt. #107, Cambridge, MA 02141 (US). BAILEY,
David [GB/US]; 68 Hobart Street, Apt. #2, Brighton, MA
02135 (US).

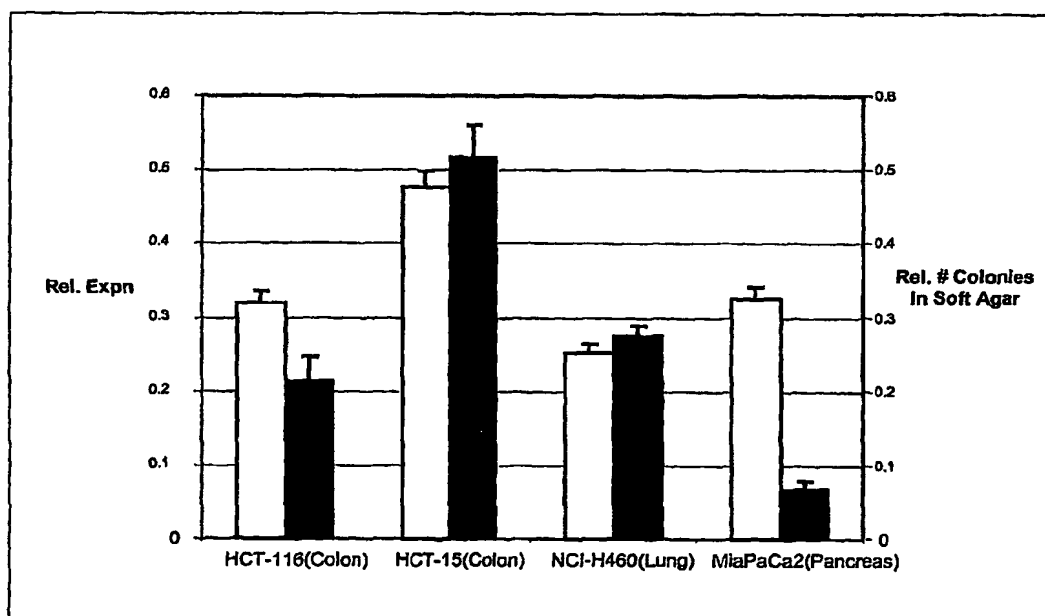
(74) Agent: HALEY, James, F., Jr.; Fish & Neave, 1251 Av-
enue of the Americas, New York, NY 10020 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: GP115: METHODS AND COMPOSITIONS FOR TREATING CANCER



(57) Abstract: The use of molecules relating to the GP115 (C17orf26) gene for treating cancer and other hyperproliferative conditions is disclosed. Nonhuman mammals harboring a genetic modification relating to the GP115 gene, and their use as experimental cancer models, are disclosed.

WO 2005/021724 A3



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:
12 May 2005

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.